

# **40mm System Program**

## **AMSJM-CCA-L**

### **18 Sep 03**

**James D. Prather**  
**Contracting Officer**  
**309-782-3784**

**[pratherj@osc.army.mil](mailto:pratherj@osc.army.mil)**



***JMC - On the Line***

**16 Sep 2003**



# **40mm Acquisition Information**

## **✓ Webpage Is Available**

➤ **Website Address:** <http://www.osc.army.mil/home/>

- **Business and Employment Opportunities**
- **AAIS (Selling to JMC)**
- **Solicitation Information**
- **Draft Solicitations/Scopes of Work**
- **40mm Systems Project**

➤ **Q&A and Briefing Packages Will Be Posted**

✓ **Acquisition Milestones are subject to change**

✓ **Monitor Fed Biz Ops**



# Purpose



**To provide the best weapons and ammunition to our Armed Forces on time and at the lowest cost.**



# **Path to the Future**

- ✓ **Explain How We are Buying Now**
- ✓ **Current Sources of 40mm Components**
- ✓ **What We are Proposing to Buy**
- ✓ **Proposed Acquisition Strategy**
- ✓ **Summary**



# How We Are Buying Now

- ✓ **8(a)**
- ✓ **SBSA**
- ✓ **Plant Procured**
- ✓ **One Year**
- ✓ **One Year with One Year Option**
- ✓ **GFM**



# Current 40mm Acquisition

End Item/ Component	Small Busines S	Large Busines S	Sources		
40mm, Practice M781	*		MEI	MAST	AMTEC
40mm, White Star, M583	*		MEI	VALENTEC	PSI
M2A1 Metal Box		*	B-WAY		
40mm, HEDP, M430A1, LAP		*	MLAAP		
M2 Propellant		*	RAAP		
M55, Detonator		*	LSAAP		
M549A1, Fuze	*		*AMTEC		
Fluted Liner	*		*Gayston		
Body, Assy	*		AMTEC		
Comp A5		*	From Stock		
Lead Az, Comp CH6, RDX		*	From Stock		

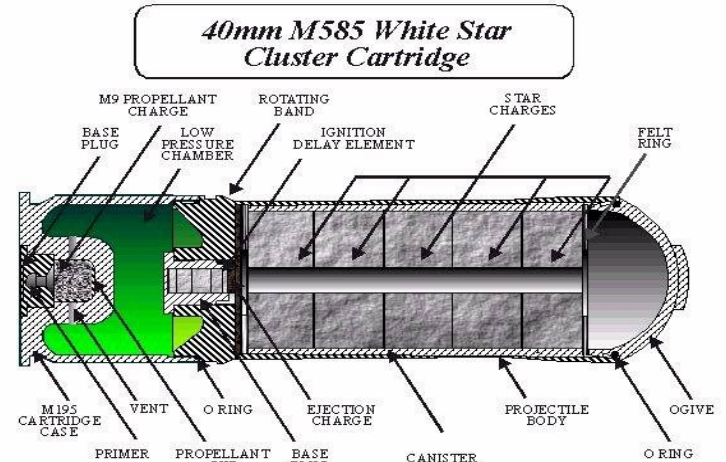
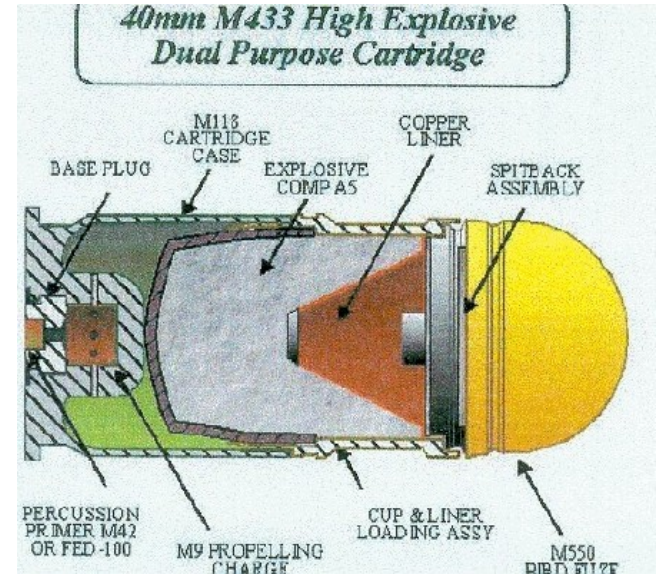
\*=Past Producer



# Current 40mm Acquisition (cont.)

End Item/ Component	Small Business	Large Business	Sources	
40mm, HEDP, M433, LAP		*	MLAAP	
Bandoleer	*		*S&S	
M550, Fuze	*		Balimoy	
M55, Detonator		*	LSAAP	
M9 Propellant		*	RAAP	
Comp A5		*	From Stock	
Lead Az, Comp CH6, RDX		*	From Stock	
40mm, TP, M918 LAP		*	MLAAP	
M2 Propellant		*	RAAP	
Proj Assy, M918	*		JKS	TKI
Escapement, M550	*		AMTEC	
M55, Detonator		*	LSAAP	
40mm, Practice, M385		*	MLAAP	
M2 Propellant		*	RAAP	
Proj, M385	*		JKS	



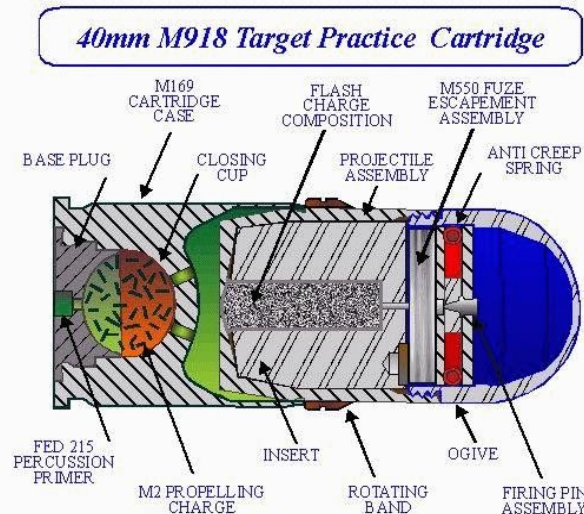
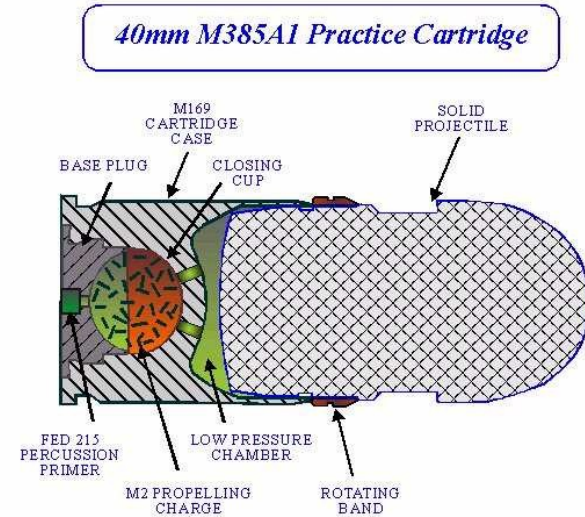
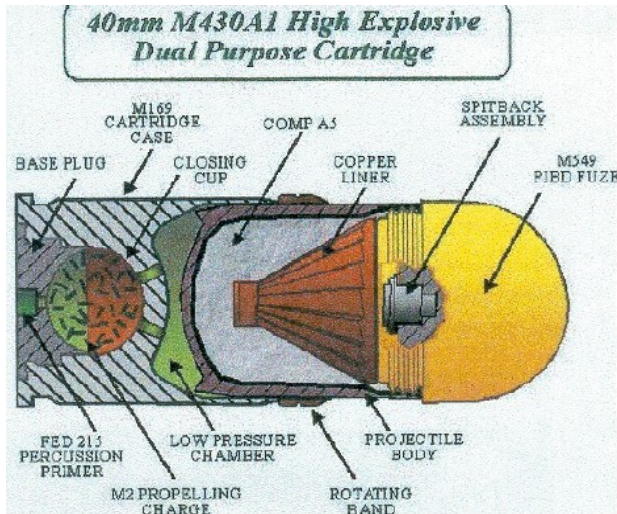






# What Are We Proposing to Buy?

## 3 High Velocity Ctgs





# Out Year Requirements (quantity) (POM)

	FY05	FY06	FY07	FY08	FY09
<b>M781</b>	5.7m (475k mo)	5.7m (475k mo)	2.0m (166.7k mo)	2.0m (166.7k mo)	2.0m (166.7k mo)
<b>M583</b>	167k (14k mo)	90k (7.5k mo)	128k (10.7k mo)	139k (11.6k mo)	144k (12k mo)
<b>M430</b>	890k (74.2k mo)	1.2m (100k mo)	915k (76.25k mo)	1.2m (100k mo)	1.4m (116.7k mo)
<b>M433</b>	92k (7.7k mo)	153k (12.75k mo)	120k (10k mo)	141k (11.75k mo)	103k (8.6k mo)
<b>M918</b>	4.3m (358.3k)	2.5m (208.3k)	3.1m (258.3k)	3.0m (250k mo)	3.2m (266.7k)

**Does Not Include Walk-In or FMS Reqts P: 14 Jul 03**

<b>M385</b>	354k	260k	262k	264k	262k
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# Proposed Strategy

- ✓ **Best Value Award**
- ✓ **Restricted to Small Businesses**
- ✓ **Number of Contracts Envisioned**
  - **2-3**
- ✓ **Proposed Splits**
  - **60-40**
  - **40-30-30**
- ✓ **Type of Contract**
  - **Firm Fixed Price**
  - **Potential Directed Sources**
  - **GOCOs for LAP on certain items, Propellant and Detonators**



# Directed Sources

Commodity	End Item	Source
M2 Propellant	M918, 40mm Practice	Radford AAP
M2 Propellant	M430A1, 40mm HE	Radford AAP
M2 Propellant	M385, 40mm Practice	Radford AAP
M9 Propellant	M433, 40mm HE	Radford AAP
M55 Detonator	M918, 40mm Practice	Lone Star AAP
M55 Detonator	M430A1, 40mm HE	Lone Star AAP
M55 Detonator	M433, 40mm HE	Lone Star AAP
Load, Assemble & Pack	M918, 40mm Practice	Milan AAP
Load, Assemble & Pack	M430A1, 40mm HE	Milan AAP
Load, Assemble & Pack	M385, 40mm Practice	Milan AAP
Load, Assemble & Pack	M433, 40mm HE	Milan AAP



# Government Furnished Material

Commodity		End Item
M2A1 Metal Box		M583, 40mm
Composition A5		M430A1, 40mm HE
Composition A5		M433, 40mm HE
Lead Axide, Comp CH6, RDX		M430A1, 40mm HE
Lead Axide, Comp CH6, RDX		M433, 40mm HE



# Proposed Contracts

- ✓ **Each Awardee To Provide:  
Cartridges with Links in a packaged  
configuration: M433, M430A1,  
M918, M781, M583 and M385**
- ✓ **Length of Contract**
  - **Up to 5 Years**
  - **Base Year plus 4 one year options**
  - **Each contract to contain price matrices  
depending on quantity awarded that  
year**



# Quantity Ranges Per Year Matrix

## ✓ M918

- Min: 3225K
- Max: 7750K

## ✓ M781

- Min: 4275K
- Max: 8125K

## ✓ M583

- Min: 110K
- Max: 440K

## ✓ M430

- Min: 750K
- Max: 3500K

## ✓ M433

- Min: 90K
- Max: 525K

## ✓ M385

- Min: 250K
- Max: 470K

**DOD Quantity Will Be Split Between a Min of  
2 Teams**





# **Example Ranges for M918 (Per Year to Be Split Between Winners)**

## **✓ Six Ranges Covering From Low to High**

- 3225K-4000K**
- 4001K-4750K**
- 4751K-5500K**
- 5501K-6250K**
- 6251K-7000K**

**Need Input on Size of Ranges and Number of Ranges. Also, Are There Any Important Break Points That Need to Be Considered?**



# **Proposed Source Selection Methodology**

- ✓ **Source Selection Method**
  - **Best Value**



# Acquisition Milestones

## Events

## Milestones

**Industry Day Sep 03**

**Pre-solicitation Conference May 04**

**Draft RFP Jul 04**

**Issue RFP Sep 04**

**Close Solicitation Nov04**

**AwardFeb 05**



# Benefits To Industry

## ✓ **Stability**

- **Long Term Contracts**
- **Strength In Numbers**
- **Protection from Fluctuating Requirements**

## ✓ **Lower Contractor B&P Costs**



# Summary

- ✓ **Govt Desires to Award Multiple Long Term Contracts with 2-3 teams**
- ✓ **Need Input on All Contract Aspects**
- ✓ **Desire Initial Input From Industry by 15 Oct 2003**